

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|---|------|-----|------|---|--|----------------------|----------|
| 1 | BRS | L1 | 8 | (first adj1 wave\$1 with second adj2 wave\$1 or analog adj1 path\$1 with digital adj2 path\$1 or phase adj2 modulat\$4 with analog adj2 modulat\$4 or "I" adj3 "Q" or "in-phase" adj4 quadrature or amplitude adj2 path with phase adj2 path\$1 or amplitude adj2 function with phase adj2 function or first adj1 signal near4 second adj1 signal) same (error adj2 correct\$4 adj2 first or error adj2 difference adj3 correct\$4 adj2 first or phase adj2 error adj2 correct\$4 adj2 first or error adj2 correct\$4 adj2 previous or error adj2 difference adj3 correct\$4 adj2 previous or phase adj2 error adj2 correct\$4 adj2 previous or error adj2 correct\$4 adj2 actual or error adj2 difference adj3 correct\$4 adj2 actual or phase adj2 error adj2 correct\$4 adj2 actual) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:00 | |

| | Error Definition | Err ors |
|---|---------------------|------------|
| 1 | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|---|------|-----|------|---|--|----------------------|----------|
| 2 | BRS | L2 | 28 | (first adj1 wave\$1 with second adj2 wave\$1 or analog adj1 path\$1 with digital adj2 path\$1 or phase adj2 modulat\$4 with analog adj2 modulat\$4 or "I" adj3 "Q" or "in-phase" adj4 quadrature or amplitude adj2 path with phase adj2 path\$1 or amplitude adj2 function with phase adj2 function or first adj1 signal near4 second adj1 signal) same (compar\$6 near3 previous or compar\$4 near2 original or compar\$4 near3 actual or compar\$6 adj2 main) same (error near2 correct\$4 or error near3 adjust\$4 or error near3 feedback or difference near2 correct\$4) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:06 | |

| | Error Definition | Err ors |
|---|---------------------|------------|
| 2 | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|---|------|-----|------|---|--|----------------------|----------|
| 3 | BRS | L3 | 15 | (first adj1 wave\$1 with second adj2 wave\$1 or analog adj1 path\$1 with digital adj2 path\$1 or phase adj2 modulat\$4 with analog adj2 modulat\$4 or "I" adj3 "Q" or "in-phase" adj4 quadrature or amplitude adj2 path with phase adj2 path\$1 or amplitude adj2 function with phase adj2 function or first adj1 signal near4 second adj1 signal) same (add\$4 near3 previous or add\$4 near2 original or add\$4 near3 actual or add\$4 adj2 main) same (error near2 correct\$4 or error near3 adjust\$4 or error near3 feedback or difference near2 correct\$4) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:08 | |

| | Error Definition | Err ors |
|---|---------------------|------------|
| 3 | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|---|------|-----|------|---|--|----------------------|----------|
| 4 | BRS | L4 | 2 | (first adj1 wave\$1 with second adj2 wave\$1 or analog adj1 path\$1 with digital adj2 path\$1 or phase adj2 modulat\$4 with analog adj2 modulat\$4 or "I" adj3 "Q" or "in-phase" adj4 quadrature or amplitude adj2 path with phase adj2 path\$1 or amplitude adj2 function with phase adj2 function or first adj1 signal near4 second adj1 signal) same (summ\$4 near3 previous or summ\$4 near2 original or summ\$4 near3 actual or summ\$4 adj2 main) same (error near2 correct\$4 or error near3 adjust\$4 or error near3 feedback or difference near2 correct\$4) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:08 | |

| | Error Definition | Err ors |
|---|---------------------|------------|
| 4 | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|---|------|-----|------|---|--|----------------------|----------|
| 5 | BRS | L5 | 14 | (first adj1 wave\$1 with second adj2 wave\$1 or analog adj1 path\$1 with digital adj2 path\$1 or phase adj2 modulat\$4 with analog adj2 modulat\$4 or "I" adj3 "Q" or "in-phase" adj4 quadrature or amplitude adj2 path with phase adj2 path\$1 or amplitude adj2 function with phase adj2 function or first adj1 signal near4 second adj1 signal) same (combin\$6 near3 previous or combin\$6 near2 original or combin\$6 near3 actual or combin\$6 adj2 main) same (error near2 correct\$4 or error near3 adjust\$4 or error near3 feedback or difference near2 correct\$4) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:08 | |

| | Error Definition | Err ors |
|---|---------------------|------------|
| 5 | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|---|------|-----|------|---|--|----------------------|----------|
| 6 | BRS | L6 | 25 | (first adj1 wave\$1 with second adj2 wave\$1 or analog adj1 path\$1 with digital adj2 path\$1 or phase adj2 modulat\$4 with analog adj2 modulat\$4 or "I" adj3 "Q" or "in-phase" adj4 quadrature or amplitude adj2 path with phase adj2 path\$1 or amplitude adj2 function with phase adj2 function or first adj1 signal near4 second adj1 signal) same (subtract\$4 near3 previous or subtract\$4 near2 original or subtract\$4 near3 actual or subtract\$4 adj2 main) same (error near2 correct\$4 or error near3 adjust\$4 or error near3 feedback or difference near2 correct\$4) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:08 | |
| 7 | BRS | L7 | 83 | 2 or 3 or 4 or 5 or 6 | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:07 | |

| | Error Definition | Err ors |
|---|---------------------|------------|
| 6 | | |
| 7 | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|---|------|-----|------|---|--|----------------------|----------|
| 8 | BRS | L8 | 2 | (first adj1 wave\$1 with second adj2 wave\$1 or analog adj1 path\$1 with digital adj2 path\$1 or phase adj2 modulat\$4 with analog adj2 modulat\$4 or "I" adj3 "Q" or "in-phase" adj4 quadrature or amplitude adj2 path with phase adj2 path\$1 or amplitude adj2 function with phase adj2 function or first adj1 signal near4 second adj1 signal) same (compar\$6 near3 previous or compar\$4 near2 original or compar\$4 near3 actual or compar\$6 adj2 main) same (error near2 correct\$4 or error near3 adjust\$4 or error near3 feedback or difference near2 correct\$4) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:06 | |
| 9 | BRS | L9 | 57 | 8 or 3 or 4 or 5 or 6 | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:17 | |

| | Error Definition | Err ors |
|---|---------------------|------------|
| 8 | | |
| 9 | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|---|--|----------------------|----------|
| 10 | BRS | L10 | 1 | (first adj1 wave\$1 with second adj2 wave\$1 or analog adj1 path\$1 with digital adj2 path\$1 or phase adj2 modulat\$4 with analog adj2 modulat\$4 or "I" adj3 "Q" or "in-phase" adj4 quadrature or amplitude adj2 path with phase adj2 path\$1 or amplitude adj2 function with phase adj2 function or first adj1 signal near4 second adj1 signal) same (add\$4 near3 previous or add\$4 near2 original or add\$4 near3 actual or add\$4 adj2 main) same (error near2 correct\$4 or error near3 adjust\$4 or error near3 feedback or difference near2 correct\$4) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:07 | |

| | Error Definition | Err ors |
|----|---------------------|------------|
| 10 | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|---|--|----------------------|----------|
| 11 | BRS | L11 | 1 | (first adj1 wave\$1 with second adj2 wave\$1 or analog adj1 path\$1 with digital adj2 path\$1 or phase adj2 modulat\$4 with analog adj2 modulat\$4 or "I" adj3 "Q" or "in-phase" adj4 quadrature or amplitude adj2 path with phase adj2 path\$1 or amplitude adj2 function with phase adj2 function or first adj1 signal near4 second adj1 signal) same (add\$4 near3 previous or add\$4 near2 original or add\$4 near3 actual or add\$4 adj2 main) same (error near2 correct\$4 or error near3 adjust\$4 or error near3 feedback or difference near2 correct\$4) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:08 | |

| | Error Definition | Err ors |
|----|---------------------|------------|
| 11 | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|---|--|----------------------|----------|
| 12 | BRS | L12 | 0 | (first adj1 wave\$1 with second adj2 wave\$1 or analog adj1 path\$1 with digital adj2 path\$1 or phase adj2 modulat\$4 with analog adj2 modulat\$4 or "I" adj3 "Q" or "in-phase" adj4 quadrature or amplitude adj2 path with phase adj2 path\$1 or amplitude adj2 function with phase adj2 function or first adj1 signal near4 second adj1 signal) same (summ\$4 near3 previous or summ\$4 near2 original or summ\$4 near3 actual or summ\$4 adj2 main) same (error near2 correct\$4 or error near3 adjust\$4 or error near3 feedback or difference near2 correct\$4) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:08 | |

| | Error Definition | Err ors |
|----|---------------------|------------|
| 12 | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|---|--|----------------------|----------|
| 13 | BRS | L13 | 2 | (first adj1 wave\$1 with second adj2 wave\$1 or analog adj1 path\$1 with digital adj2 path\$1 or phase adj2 modulat\$4 with analog adj2 modulat\$4 or "I" adj3 "Q" or "in-phase" adj4 quadrature or amplitude adj2 path with phase adj2 path\$1 or amplitude adj2 function with phase adj2 function or first adj1 signal near4 second adj1 signal) same (combin\$6 near3 previous or combin\$6 near2 original or combin\$6 near3 actual or combin\$6 adj2 main) same (error near2 correct\$4 or error near3 adjust\$4 or error near3 feedback or difference near2 correct\$4) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:08 | |

| | Error Definition | Err ors |
|----|---------------------|------------|
| 13 | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|---|--|----------------------|----------|
| 14 | BRS | L14 | 1 | (first adj1 wave\$1 with second adj2 wave\$1 or analog adj1 path\$1 with digital adj2 path\$1 or phase adj2 modulat\$4 with analog adj2 modulat\$4 or "I" adj3 "Q" or "in-phase" adj4 quadrature or amplitude adj2 path with phase adj2 path\$1 or amplitude adj2 function with phase adj2 function or first adj1 signal near4 second adj1 signal) same (subtract\$4 near3 previous or subtract\$4 near2 original or subtract\$4 near3 actual or subtract\$4 adj2 main) same (error near2 correct\$4 or error near3 adjust\$4 or error near3 feedback or difference near2 correct\$4) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:08 | |

| | Error Definition | Err ors |
|----|---------------------|------------|
| 14 | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|---|------------------------------------|------------------|----------|
| 15 | BRS | L15 | 333 | (compar\$4 or add\$3 or summ\$4 or combin\$4 or subtract\$4) near4 (original near3 previous or original near3 current or previous near3 current or previous near3 actual or actual near3 current or original near3 actual or original near2 lat\$2 or previous near2 lat\$4 or actual near2 lat\$2 or original near2 output or previous near2 output or current near3 output) with (error near2 correc\$4 or error near2 adjust\$4 or error near3 feedback or correct\$4 near2 signal\$1 or adjust\$4 near2 signal\$1 or phase near2 correct\$4 or amplitude near2 correct\$4 or phase near2 adjust\$4 or amplitude near3 adjust\$5) | US-PGPUB ;USPAT ;EPO; JPO | 2006/10/11 12:23 | |
| 16 | BRS | L16 | 22 | 15 and electromagnetic\$1 | US-PGPUB ;USPAT ;EPO; JPO | 2006/10/11 12:26 | |
| 17 | BRS | L17 | 10 | 15 and "375"/\$.ccls. | US-PGPUB ;USPAT ;EPO; JPO | 2006/10/11 12:30 | |

| | Error Definition | Err ors |
|----|---------------------|------------|
| 15 | | |
| 16 | | |
| 17 | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|--|--|----------------------|----------|
| 18 | BRS | L18 | 1874 | phase near3 amplitude near4 compar\$4 | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:31 | |
| 19 | BRS | L19 | 29 | (correct\$4 near3 electromagnetic\$1 or adjust\$5 near3 electromagnetic\$1 or error near2 correct\$4 or error near2 adjust\$5) same 18 | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:48 | |
| 20 | BRS | L20 | 3908 | (amplitude near2 process\$3 with phase near2 process\$3 or sine adj2 wave with cos\$4 adj2 wave or waveform\$4 near3 amplitude near3 phase or wave adj1 form\$3 near2 phase near3 amplitude) near4 (compar\$6 or add\$3 or summ\$4 or subtract\$4 or combin\$6) with (correct\$4 or track\$4 or adjust\$4 or loop near1 filter\$3 or feedback) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 12:53 | |

| | Error Definition | Err ors |
|----|---------------------|------------|
| 18 | | |
| 19 | | |
| 20 | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|---|--|----------------------|----------|
| 21 | BRS | L21 | 89 | (amplitude adj2 process\$3 with phase adj2 process\$3 or sine adj2 wave with cos\$4 adj2 wave or waveform\$4 near3 amplitude near3 phase or wave adj1 form\$3 near2 phase near3 amplitude) with (compar\$6 or add\$3 or summ\$4 or subtract\$4 or combin\$6) with (correct\$4 or track\$4 or adjust\$4 or loop near1 filter\$3 or feedback) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 13:01 | |
| 22 | BRS | L22 | 16 | (amplitude adj2 process\$3 with phase adj2 process\$3 or sine adj2 wave with cos\$4 adj2 wave or waveform\$4 near3 amplitude near3 phase or wave adj1 form\$3 near2 phase near3 amplitude) with (compar\$6 or add\$3 or summ\$4 or subtract\$4 or combin\$6) with (correct\$4 near3 error or track\$4 or adjust\$4 near3 error or loop near1 filter\$3 near3 error or feedback near3 error) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 13:04 | |
| 23 | BRS | L23 | 1 | compar\$6 and "6381292".pn. | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 13:34 | |

| | Error Definition | Err ors |
|----|---------------------|------------|
| 21 | | |
| 22 | | |
| 23 | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|-----------------------------------|--|----------------------|----------|
| 24 | BRS | L24 | 1 | compar\$6 and "6449465".pn. | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 13:55 | |
| 25 | BRS | L25 | 1 | correct\$4 and "6449465".pn. | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 13:56 | |
| 26 | BRS | L26 | 1 | "4618999".pn. | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 13:58 | |
| 27 | BRS | L27 | 1 | 26 and (phase near3 amplitude) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 14:01 | |
| 28 | BRS | L28 | 1 | 26 and (compar\$4) | US- PGPUB ; USPAT ; EPO; JPO | 2006/10/1 1 14:01 | |

| | Error Definition | Err ors |
|----|---------------------|------------|
| 24 | | |
| 25 | | |
| 26 | | |
| 27 | | |
| 28 | | |